

# ABSTRACT OF THE DISCLOSURE

A first and a second sensor array 21 and 22 arranged at the approximate image forming plane of a pair of optical systems, and a third sensor array 23 arranged  
5 at a spacing  $h$  from the first and second sensor arrays 21 and 22. The image interval  $X$  is corrected to a standard image interval  $K=X (1-\tan\theta/\tan(\psi+\theta))$  when the object image intersects the optical base length  $R_0$  via the object image inclination  $\psi=\tan^{-1} (h/z)$  calculated from the image  
10 forming positions of the object images  $T_1$  and  $T_2$  detected by the sensor arrays 21 and 22, and the dislocation angle  $\theta$  formed by the sensor and the optical system detected after assembling the device.